

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 5/19/2011 Page 1 of 1

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|--|---|--|---|---|
| TO: Pete Siegenthaler, Prin TE / | | | FILE: E.A. 04 - 0120F4 | |
| FROM: Kannu Balan, Senior TE | | | CO-RTE-PM SF-80-13.2/13.9 | |
| | | | FED. NO. | |
| CCO#: 193 | SUPPLEMENT#: 0 | Category Code: CHPT | CONTINGENCY BALANCE (incl. this change) \$174,179,816.11 | |
| COST: \$1,091,368.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/> | | | HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| SUPPLEMENTAL FUNDS PROVIDED: \$0.00 | | | IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| CCO DESCRIPTION: Skyway Bikepath Expansion Joints | | | PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE | |
| Original Contract Time: 2490 Day(s) | Time Adj. This Change: 0 Day(s) | Previously Approved CCO Time Adjustments: 501 Day(s) | Percentage Time Adjusted: (including this change) 20 % | Total # of Unreconciled Deferred Time CCO(s): (including this change) 1 |

THIS CHANGE ORDER PROVIDES FOR:

Modifying the existing bikepath panels at the expansion joints of the Skyway portion of the East Span San Francisco/Oakland Bay Bridge.

The existing clearance in the bikepath expansion joints is smaller than the movement ratings in the roadway sections. As a result the panels are being modified to alleviate concerns that the expansion joints might fail during a seismic event. This change is requested by Design.

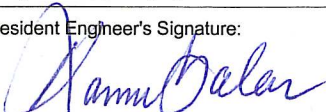
The total cost of this change order is \$1,091,368.00, which can be financed from the contingency fund. A detailed cost analysis is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from Peter Siegenthaler (Principal TE), William Casey (Supervising BE), Rich Foley (HQ Oversight), Ken Terpstra (Proj. Manager), Wenyi Long (Design Oversight), Lina Ellis (Maintenance), and Jing Chen (District Design) April 27, 2011.

Toll Bridge Program Oversight Committee (TBPOC) approved this change order on May 5, 2011, for a value not to exceed amount of \$1.3M.

The Resident Engineer requests Headquarters CCO Desk "Issue and Approve".

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|--|---------------------------------|--------------|---|-----------------------|-----------------------|
| CONCURRED BY: | | | ESTIMATE OF COST | | |
| Construction Engineer: | PCE, Pete Siegenthaler, Prin TE | Date 5/10/11 | THIS REQUEST | | |
| Bridge Engineer: | William Casey, Sup BE | Date 5/4/11 | ITEMS | \$0.00 | TOTAL TO DATE \$0.00 |
| Project Engineer: | CT Oversight, Wenyi Long, P.E. | Date 4/18/11 | FORCE ACCOUNT | \$0.00 | \$0.00 |
| Project Manager: | Proj Manager, Ken Terpstra | Date 5/18/11 | AGREED PRICE | \$1,091,368.00 | \$1,091,368.00 |
| FHWA Rep.: | | Date | ADJUSTMENT | \$0.00 | \$0.00 |
| Environmental: | | Date | TOTAL | \$1,091,368.00 | \$1,091,368.00 |
| Other (specify): | HQ, Rich Foley | Date 5/11/11 | FEDERAL PARTICIPATION | | |
| Other (specify): | Struct. Maint, Lina Ellis | Date 4/19/11 | <input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING | | |
| District Prior Approval By: | | Date | FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type) | | |
| HQ (Issue Approve) By: | | Date | <input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS | | |
| Resident Engineer's Signature: | | Date | FEDERAL FUNDING SOURCE PERCENT | | |
|  | | | _____ | | |
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CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO: 193 Suppl. No. 0 Contract No. 04 - 0120F4 Road SF-80-13.2/13.9 FED. AID LOC.:

To: **AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENTURE**

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract.

NOTE: This change order is not effective until approved by the Engineer.

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Extra Work at Lump Sum:

Modify the existing bikepath panels at the expansion joints of the Skyway portion of the San Francisco/Oakland Bay Bridge East Span Seismic Safety Project.

Clean and prime the exposed steel on the bikepath panels and deck joint cover plates in accordance with Special Provisions Section 10-1.69 "CLEAN AND PAINT STRUCTURAL STEEL."

Apply a non-skid surface to bikepath hinge cover plates.

This change order includes the incremental increased cost of installation for the bikepath Hinge A cover plate.

The following revised plan sheets detail the changes addressed in this change order: 839R3, 839S1R2, 1164S7, 1164S8, 1164S9, and 1164S10 (of 1204) as shown on sheets 2 through 7 of this change order.


For this work, the Contractor will receive a lump sum price of \$1,091,368.00. This sum constitutes full and complete compensation for furnishing all labor, material, tools and incidentals including all markups by reason of this change.

Extra Work at Lump Sum.....\$1,091,368.00

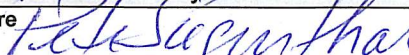
Estimated Cost: Increase ☒ Decrease ☐ \$1,091,368.00

By reason of this order the time of completion will be adjusted as follows: 0 days

Submitted by

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|---|-------------------|--------------------------|--------------|
| Signature  | Resident Engineer | Kannu Balan, Senior T.E. | Date 5-18-11 |
|---|-------------------|--------------------------|--------------|

Approval Recommended by

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|---|-----------------------------|--------------------------|--------------|
| Signature  | Supervising Bridge Engineer | William Casey, Sup. B.E. | Date 5-23-11 |
|---|-----------------------------|--------------------------|--------------|

Engineer Approval by

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|-----------|-----------------------------------|--------------------------------|------|
| Signature | Principal Transportation Engineer | Peter Siegenthaler, Prin. T.E. | Date |
|-----------|-----------------------------------|--------------------------------|------|

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor the prices shown above.

NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by

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| Signature | (Print name and title) | Date |
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